

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph that begins on line 11 of page 1 with the following paragraph:

This patent application claims benefit of priority under 35 U.S.C. §120 of international application PCT/US00/09417, filed April 7, 2000, which claims benefit of provisional patent application U.S. Serial number 60/128,839, filed April 9, 1999, now abandoned.

Please insert the following Table on line 1 of page 41:

TABLE 1

Exon	Bases	Sense Primer	Sense Primer Sequence	Anti-sense Primer	Antisense Primer sequence	PCR product size expected
1	2488-2863					
2	4994-5099	4870	ctcacctaatgtcagaggta (SEQ ID No. 7)	5254	agtatagtcctcctcagatg (SEQ ID No. 8)	384
3	10726-10912	10630	caaagtacttttgtgaactctgc (SEQ ID No. 9)	11082	cataggaaagtagttgacacgg (SEQ ID No. 10)	452
4	18275-18376	18157	cctgaaggattcattcaccctc (SEQ ID No. 11)	18457	gaccctttaattatcggtgaaca (SEQ ID No. 12)	300
5-6	24400-25500	24323	atgtccaacagtcctcatgcag (SEQ ID No. 13)	25593	gacatgcttagtccattgtacc (SEQ ID No. 14)	1270

7	27927-28020	27871	gaaccgtttgaatgaaactgag (SEQ ID No. 15)	28058	ttacccaaatagccatccatgg (SEQ ID No. 16)	187
8-9	35216-36281	35127	gcagatgctcaataagtgaatcc (SEQ ID No. 17)	36334	ccagcacataacagttacttgatc (SEQ ID No. 18)	1207
10	37697-37816	37619	tagatgctattgagtcgtttgc (SEQ ID No. 19)	37867	aaactgagactcagataggctg (SEQ ID No. 20)	248
11	39896-39978	39825	ctgggcttggtagtgctctggg (SEQ ID No. 21)	40045	gcttggcaacaagtcctggctac (SEQ ID No. 22)	220
12	41911-41974	41792	tgtcgtaatatgggtcagctc (SEQ ID No. 23)	42035	ttaactagactgctgctcctag (SEQ ID No. 24)	243
13	46402-46469	46317	tggtaggaatttagcagtggtc (SEQ ID No. 25)	46687	gatgctactaatgggtacctc (SEQ ID No. 26)	370
14	53129-53220	53053	cttctggttaatggacatctag (SEQ ID No. 27)	53264	caatcccacactgaattcagtg (SEQ ID No. 28)	211
15			agaatggggtttagtttaatgg (SEQ ID No. 29)		tgagtcacttttggagtcag (SEQ ID No. 30)	
16-17	56661-57307	56614	ttgtaagctatccctataagag (SEQ ID No. 31)	57393	agttcagcaacagtcatgtag (SEQ ID No. 32)	779
18	62423-62515	62305	gggtggctcctgaaccaatccc (SEQ ID No. 33)	62553	gtgatattacagaaaggagtc (SEQ ID No. 34)	248
19	64209-64518	64127	atccaggaattgcagagtgtc (SEQ ID No. 35)	64586	ttcagtttta atccataggag (SEQ ID No. 36)	459